## SH&G

December 1, 1983 13155

Central Intelligence Agency New Building Project Office Room 4E50 CIA Headquarters Building Washington, DC 20505

STAT

Attention: $\lceil$	
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Re: Final Chiller Bid Package Log 317

## Gentlemen:

Transmitted herewith is one photoready copy and one photocopy of the entire bid package for the chillers.

This specification is based upon using five chillers of 1600 tons each as we recently agreed.

Very truly yours,

Wm. Everett Medling

AIA

WEM:clm Enclosures SHEG Smith, Hinchman & Grylls Associates, Inc. Architects Engineers Planners



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Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150001-7
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      SHAG 13133 BP-35C
CENTRAL INTELLIGENCE AGENCY
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                                                                   DATE 11/28/83
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                                                                                      TITLE PAGE
      BID PACKAGE 3SC
      SUPPLY CONTRACT - CHILLERS
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                                                PROJECT MANUAL
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                                               SMITH, HINCHMAN & GRYLLS ASSOCIATES, INC.
         30)
                                               ARCHITECTS - ENGINEERS - PLANNERS
         31)
                                               455 WEST FORT STREET
         32)
                                               DETROIT, MICHIGAN 48226
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DECEMBER 1, 1983
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	2) 3)	SECTION NO.	TITLE .
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7	5)	BIDDING REQUIREME	NITC
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7	6)	00010	TITLE PAGE
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7	8) 9)	-	+SOLICITATION, OFFER, AND AWARD (STANDARD FORM 33-A - REV. 3-77)
7	10) 11)	00033ATTA	ATTACHMENT "A" TO STANDARD FORM 33 (CHILLERS)
7 ·	12)	00033M	+MODIFICATION TO STANDARD FORM 33
7	13) 14)	-	+SOLICITATION INSTRUCTIONS AND CONDITIONS (STANDARD FORM 33A - REV. 1-78)
7	15)	CONDITIONS OF THE	CONTRACT
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7	18) 19)	-	+GSA SUPPLEMENTAL PROVISIONS (GSA FORM 1424 - REV. 9-78)
7	20)	-	+MODIFICATION OF GSA SUPPLEMENTAL PROVISIONS
7	21) 22)	00110	SPECIAL CONDITIONS (SUPPLY CONTRACT)
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7	25)	DIVISION 1 - GENE	ERAL REQUIREMENTS
7	26)	0131C	SCHEDULE AND TIME OF COMPLETION
7	27)	01346	SHOP DRAWINGS, PRODUCT DATA AND SAMPLES
7	28)	01340A	APPENDIX "A" - GOVERNMENT'S SUBMITTALS REVIEW STAMP
7	29)	01600	DELIVERY AND STORAGE
7	30)	DIVISION 15 - MEC	HANICAL
7	31)	15600	CHILLERS
7	32)	+ - DOCUMENT TO BE	E INSERTED BY GSA.

HEADQUARTERS EXPANSION ATTACHMENT 'A' TO SF33 **BID PACKAGE 3SC** (CHILLERS) SUPPLY CONTRACT - CHILLERS 2) ATTACHMENT 'A' 3) 4) TO SF33 5) (CHILLERS) 7 6) CONTRACT GS-11C-.... 7 7 8) BIDDER'S NAME: .... 7 9) 7 BID PRICE FOR FIVE CHILLERS, F.O.B. PROJECT SITE, INCLUDING 10) INSTALLATION SUPERVISION, START-UP SERVICES AND TRAINING 11) 12) OF GOVERNMENT OPERATORS: 7 13) . 7 14) (\$.....) 7 15) THE BIDDER AFFIRMS THAT THE BID PRICE INCLUDES COSTS FOR THE 16) FOLLOWING ITEMS: 17) START-UP SERVICES AT A MINIMUM OF FIVE MAN-DAYS PER 18) CHILLER. 7 TRAINING OF GOVERNMENT OPERATORS AT A MINIMUM OF THREE 19) 20) MAN-DAYS PER CHILLER. 21) DELIVERY SCHEDULE 22) IN ACCORDANCE WITH SECTION 01310\_ 7 23) PAYMENT SCHEDULE 7 24) TENTATIVE DATE NO. OF UNIT PRICE 25) OF BENEFICIAL UNITS PRICE EXTENSION 26) ACCEPTANCE 27) 7 28) APRIL 1, 1985 TWO \$ . . . . . . . . . . . . 7 29) APRIL 1, 1986 THREE 30) 7 31) DATE BY WHICH BIDDER MUST RECEIVE APPROVED SHOP DRAWINGS. PRODUCT DATA AND RELATED SUBMITTALS IN ORDER TO MEET 32) 33) SPECIFIED DELIVERY DATE: 7 ----- 1984.

Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150001-7\_0N 00033ATTA PAGE

DATE 11/30/83 TIME 20.175

**EENTRAL INTELLIGENCE AGENCY** 

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	LENIRA HEADQU BID PA	or Release 2009/04/02 : CIA-RDP89-00244R0003 NATIELLIGENCE AGENCY PARTERS EXPANSION NCKAGE 3SC CONTRACT - CHILLERS	OO150001-7 ON 00110 PAGE 1 DATE 11/30/83 TIME 20.175 SPECIAL CONDITIONS (SUPPLY CONTRACT)
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<b>)</b>			
2	2)	THE CONTRACT DOCUMENTS	1. DEFINITIONS
3	3)		
•	4)	THE CONTRACT DOCUMENTS CONSIST OF THE GOVERNMENT AND THE CONTRACTOR), T (GENERAL AND SUPPLEMENTAL PROVISIONS,	HE CONDITIONS OF THE CONTRACT
	6) 7)	DOCUMENTS), THE DRAWINGS, THE SPECI	FICATIONS, AND ALL ADDENDA ISSUED
	8)	PRIOR TO AND ALL CHANGES ISSUED AFT CHANGES ARE DEFINED IN CLAUSE NO. 2 O	F THE GENERAL PROVISIONS.
2	9)	THE PROJECT	
3	10) 11)	THE PROJECT IS THE TOTAL CONSTRUCTION UNDER THE CONTRACT DOCUMENTS ARE A PAIR	N OF WHICH THE SUPPLIES FURNISHED RT.
2	12)	THE ARCHITECT	j.
3	13)	THE ARCHITECT IS:	
7	14) 15)	SMITH, HINCHMAN & GRYLLS ASSOCIATES 455 WEST FORT STREET	S, INC.
	16)	DETROIT, MICHIGAN 48226	
3	17) 18)	THE TERM ''ARCHITECT'' MEANS THE REPRESENTATIVE.	ARCHITECT OR HIS AUTHORIZED
2	19)	THE CONTRACTOR	
3	20) 21)	THE CONTRACTOR IS THE INDIVIDUAL, CORPORATION NAMED IN THE SUPPLY CONTRA	PARTNERSHIP, JOINT VENTURE, OR
	22)	TIME, AS "SUPPLY CONTRACTOR", FOR PL	DRPOSES OF CLARIFICATION.
2	23)	THE INSTALLING CONTRACTOR	

Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150001-7 SH&G 13155 BP-3SC DATE 11/30/83 TIME 20.175 CENTRAL INTELLIGENCE AGENCY SPECIAL CONDITIONS **HEADQUARTERS EXPANSION** (SUPPLY CONTRACT) BID PACKAGE 3SC SUPPLY CONTRACT - CHILLERS 3 24) THE INSTALLING CONTRACTOR IS THE ORGANIZATION WHOSE CONTRACT WITH THE GOVERNMENT FOR WORK ON THE PROJECT INCLUDES RESPONSIBILITY FOR 25) 26) RECEIVING, TRANSPORTING AFTER RECEIPT, STORING AS APPROPRIATE AND INSTALLING THE SUPPLIES. THE INSTALLING CONTRACTOR WILL BE THE 27) 28) CONTRACTOR FOR BID PACKAGE 3 - POWERHOUSE\_ 2 29) BENEFICIAL ACCEPTANCE BENEFICIAL ACCEPTANCE FOR ANY ITEM OF SUPPLIES IS THE DATE THE 3 30) 31) GOVERNMENT PLACES THAT ITEM IN USE FOR ITS INTENDED PURPOSE. 32) SUBSEQUENT TO ONSITE OPERATION FOR START-UP AND TESTING. 2 33) MISCELLANEOUS DEFINITIONS 3 THE TERM ""SUPPLIES" SHALL BE READ TO INCLUDE, WITHOUT LIMITATION, 34) 35) RAW MATERIALS, COMPONENTS INTERMEDIATE ASSEMBLIES AND END PRODUCTS TO BE FURNISHED UNDER THE CONTRACT. (REFER TO CLAUSE NO. 5 OF THE GENERAL 36) 37) PROVISIONS). 3 THE TERM ""PER" MEANS ""IN ACCORDANCE WITH THE REQUIREMENTS OF". 38) THE TERM ""AS APPROVED" MEANS "OR EQUAL" AS DESCRIBED IN ARTICLE 3 39) NO. 32 OF THE GSA SUPPLEMENTAL PROVISIONS. 40) 1 41) 2. NONPUBLICITY 2 42) IT IS A SPECIFIC CONDITION OF THE CONTRACT THAT THE CONTRACTOR SHALL NOT USE OR ALLOW TO BE USED ANY ASPECT OF THIS AGREEMENT FOR PUBLICITY OR 43) 44) ADVERTISEMENT PURPOSES. 2 45) IT IS FURTHER UNDERSTOOD THAT THIS OBLIGATION SHALL NOT EXPIRE UPON COMPLETION OR TERMINATION OF THE CONTRACT BUT WILL CONTINUE INDEFINITELY. 47) THE CONTRACTOR MAY REQUEST A WAIVER OR RELEASE FROM THE FOREGOING BUT 48) SHALL NOT DEVIATE THEREFROM UNLESS SO AUTHORIZED IN WRITING BY THE 49) GOVERNMENT. 50) 3. BIDDING REQUIREMENTS 2 51) BIDDER SHALL ENTER IN SECTION COCCENTARY "ATTACHMENT "A" TO SF33 (CHILLERS) .. ALL INFORMATION REQUESTED. REFER TO STANDARD FORM 33-A. 3 53) BID PRICE SHALL BE A LUMP SUM FOR DELIVERY OF THE SPECIFIED SUPPLIES 54) F.O.B. PROJECT SITE BY THE DATE SPECIFIED IN SECTION 01310, "SCHEDULE 55) AND TIME OF COMPLETION ", AND SHALL INCLUDE ALL COSTS ASSOCIATED WITH THE SPECIFIED START-UP SERVICES AND TRAINING OF GOVERNMENT OPERATORS. 56) 57) 4 THE BIDDER SHALL AFFIRM IN HIS BID THAT THE BID PRICE INCLUDES COSTS FOR THE AFOREMENTIONED START-UP SERVICES AND TRAINING OF 58) 59) GOVERNMENT OPERATORS AT THE RESPECTIVE NUMBER OF MAN-DAYS STATED IN 60) ATTACHMENT 'A' TO SF33 FOR EACH FUNCTION. 3 61) RESPECTIVE UNIT PRICE AMOUNTS ENTERED UNDER THE PAYMENT SCHEDULE SHALL REFLECT THE SPECIFIED REQUIREMENT THAT WARRANTIES SHALL, IN EACH CASE, 62) 63) BEGIN ON THE DATE OF BENEFICAL ACCEPTANCE. THE TOTAL OF THE PRICE EXTENSIONS SHALL EQUAL THE BID PRICE. 64) 3 65) ESTABLISHING DATE BY WHICH BIDDER MUST RECEIVE SHOP DRAWINGS. PRODUCT DATA AND RELATED SUBMITTALS IN ORDER TO MEET THE SPECIFIED DELIVERY DATE, BIDDER SHALL CONSIDER THE FACT THAT FOR EACH SUBMITTAL, 66) 67) ARCHITECT WILL REQUIRE 14 CALENDAR DAYS FROM DATE SUBMITTAL ENTERS 68) ARCHITECT'S OFFICE UNTIL THE SUBMITTAL LEAVES TO RETURN TO THE 69) 70) CONTRACTOR.

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LENTRAL INTELLIGENCE AGENCY DATE 11/30/83 TIME 20.175
HEADQUARTERS EXPANSION SPECIAL CONDITIONS
BID PACKAGE 3SC (SUPPLY CONTRACT)

<b>1</b>	71)	4. FOREIGN OWNERSHIP CONTROL OR INFLUENCE
2	72) 73) 74) 75) 76) 77) 78) 79) 80)	VENDORS RESPONDING TO THIS REQUEST FOR PROPOSAL (RFP) ARE ADVISED THAT IT IS THE GOVERNMENT'S INTENT TO SECURE SERVICES OR EQUIPMENT FROM FIRMS WHICH ARE NOT UNDER FOREIGN OWNERSHIP, CONTROL, OR INFLUENCE (FOCI) OR WHERE ANY FOCI MAY, IN THE OPINION OF THE GOVERNMENT ADVERSELY IMPACT ON GOVERNMENT SECURITY REQUIREMENTS. ACCORDINGLY, ALL FIRMS RESPONDING TO THIS RFP OR INITIATING PERFORMANCE OF A CONTRACT ARE REQUIRED TO SUBMIT A DOD FORM 441S (CERTIFICATE PERTAINING TO FOREIGN INTERESTS) WITH THEIR PROPOSAL OR PRIOR TO CONTRACT PERFORMANCE (AS APPROPRIATE). DOD FORM 441S ENTRIES SHALL SPECIFY, WHERE NECESSARY, THE IDENTITY, NATURE, DEGREE, AND IMPACT OF ANY FOCI ON THEIR ORGANIZATION OR ACTIVITIES.
2	82) 83) 34) 35)	NOTWITHSTANDING THE LIMITATION ON CONTRACTING WITH A VENDOR UNDER FOCI IDENTIFIED ABOVE, THE GOVERNMENT RESERVES THE RIGHT TO CONTRACT WITH SUCH FIRMS UNDER APPROPRIATE ARRANGEMENTS, WHEN IT DETERMINES THAT SUCH CONTRACTS WILL BE IN THE BEST INTEREST OF THE GOVERNMENT.
1	86)	5. ADMINISTRATION OF THE CONTRACT
2	87)	THE GOVERNMENT
3	88) 89) 90)	THE CONTRACT WILL BE ADMINISTERED BY THE CONTRACTING OFFICER ON BEHALF OF THE UNITED STATES OF AMERICA (REFERRED TO THROUGHOUT THE CONTRACT DOCUMENTS AS THE GOVERNMENT).
2	91)	THE ARCHITECT
3	92) 93)	THE ARCHITECT, (AS REQUIRED BY SEPARATE CONTRACT) UNDER SUPERVISION OF THE GOVERNMENT, WILL, AS PERTINENT TO THIS SUPPLY CONTRACT:
<b>•</b> 4	94) 95)	PROVIDE REVIEW AND APPROVAL OF ALL SHOP DRAWINGS, PRODUCT DATA, SAMPLES, SCHEDULES, ETC., SUBMITTED BY THE CONTRACTOR.
4	96) 97)	REVIEW AND CERTIFY THE VALIDITY OF THE CONTRACTOR'S APPLICATIONS FOR PAYMENT.
2	98)	COMMUNICATIONS
3	99) 100)	THE CONTRACTOR SHALL FORWARD ALL COMMUNICATIONS TO THE ARCHITECT THROUGH THE CONTRACTING OFFICER.
1	101)	6. LIQUIDATED DAMAGES
2	102) 103) 104)	REFER TO ARTICLE 11 - DEFAULT, OF THE GENERAL PROVISIONS. REDESIGNATE PARAGRAPHS 11(F) AND 11(G) THERIN AS 11(G) AND 11(H) RESPECTIVELY, AND INSERT THE FOLLOWING:
7	105) 106) 107) 108) 109) 110) 111) 112)	(F) (I) IN THE EVENT THE GOVERNMENT EXERCISES ITS RIGHT OF TERMINATION AS PROVIDED IN PARAGRAPH (A) ABOVE, THE CONTRACTOR SHALL BE LIABLE TO THE GOVERNMENT FOR EXCESS COSTS AS PROVIDED IN PARAGRAPH (B) ABOVE AND, IN ADDITION, FOR LIQUIDATED DAMAGES, IN THE AMOUNT OF \$500.00 AS FIXED, AGREED, AND LIQUIDATED DAMAGES FOR EACH CALENDAR DAY OF DELAY, UNTIL SUCH TIME AS THE GOVERNMENT MAY REASONABLY OBTAIN DELIVERY OF SIMILAR SUPPLIES OR PERFORMANCE OF SIMILAR SERVICES.
7	114) 115) 116) 117) 118) 119)	(II) IF THE CONTRACT IS NOT SO TERMINATED, NOTWITHSTANDING DELAY, AS PROVIDED IN PARAGRAPH (A) ABOVE, THE CONTRACT—OR SHALL CONTINUE PERFORMANCE AND BE LIABLE TO THE GOVERNMENT FOR SUCH LIQUIDATED DAMAGES FOR EACH CALENDAR DAY OF DELAY UNTIL THE SUPPLIES ARE DELIVERED OR SERVICES PERFORMED.

Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150001-7 SH&G 13155 DATE 11/30/83 TIME 20.175 CENTRAL INTELLIGENCE AGENCY SPECIAL CONDITIONS HEADQUARTERS EXPANSION (SUPPLY CONTRACT) BID PACKAGE 3SC SUPPLY CONTRACT - CHILLERS 7 (III) THE CONTRACTOR SHALL NOT BE LIABLE FOR LIQUIDATED 120) 121) DAMAGES FOR DELAYS DUE TO CAUSES WHICH WOULD RELIEVE 122) HIM FROM LIABILITY FOR EXCESS COSTS AS PROVIDED IN PARA-123) GRAPH (C) OF THIS CLAUSE. 1 124) 7. WARRANTIES AND GUARANTIES 2 125) WARRANTY 3 126) THE CONTRACTOR WARRANTS TO THE GOVERNMENT THAT ALL SUPPLIES FURNISHED UNDER THIS CONTRACT WILL BE NEW UNLESS OTHERWISE SPECIFIED, AND THAT 127) 128) ALL WORK WILL BE OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ALL WORK NOT CONFORMING TO 129) 130) THESE REQUIREMENTS. INCLUDING SUBSTITUTIONS NOT PROPERLY APPROVED. AND 131) AUTHORIZED. MAY BE CONSIDERED DEFECTIVE. IF REQUIRED BY THE CONTRACT DOCUMENTS OR THE CONTRACTING OFFICER, THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF SUPPLIES FURNISHED. THIS WARRANTY IS NOT LIMITED BY THE PROVISIONS FOR 132) 133) 134) 135) CORRECTION OF DEFECTIVE OR NON-CONFORMING WORK HEREIN. 2 136) CORRECTION OF DEFECTS WITHIN ONE YEAR AFTER BENEFICIAL ACCEPTANCE BY THE ONNER OF 3 137) 138) DESIGNATED SUPPLIES OR WITHIN SUCH LONGER PERIOD OF TIME AS MAY BE 139) PRESCRIBED BY LAW OR BY THE TERMS OF ANY APPLICABLE SPECIAL WARRANTY REQUIRED BY THE CONTRACT DOCUMENTS, ANY SUPPLIES ARE FOUND TO BE DEFECTIVE OR NOT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL MAKE CORRECTION PROMPTLY AFTER RECEIPT OF A WRITTEN 140) 141) 142) 143) NOTICE FROM THE GOVERNMENT TO DO SO, UNLESS IN THE PUBLIC INTEREST THE GOVERNMENT CONSENTS TO ACCEPT SUCH SUPPLIES WITH AN APPROPRIATE ADJUSTMENT IN CONTRACT PRICE. THIS OBLIGATION SHALL SURVIVE 144) 145) OBLIGATION SHALL SURVIVE TERMINATION OF THE CONTRACT. 146) 147) PRIOR TO FINAL PAYMENT, SUBMIT TO THE CONTRACTING OFFICER A WARRANTY FOR 148) EACH GROUP OF SUPPLIES DIFFERENTIATED BY A WARRANTY PERIOD (DIFFERING 149) STARTING AND ENDING DATES). EACH WARRANTY SHALL BE IN TRIPLICATE IN THE FORM SHOWN IN SECTION DOILOR, "APPENDIX "A" WARRANTY". 150) 1 151) 8. LAWS, ORDINANCES AND REGULATIONS THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND 2 152) LAWS, ORDINANCES, AND REGULATIONS, AND SHALL REQUIRE SUCH COMPLIANCE, BY 153) 154) ALL OTHER PERSONS WITH WHOM HE SHALL ENTER INTO ANY CONTRACT PERTAINING 155) TO THE WORK. THE CONTRACTOR SHALL BE LIABLE FOR AND INDEMNIFY AND HOLD HARMLESS THE GOVERNMENT, AND THE ARCHITECT AND 156) THEIR RESPECTIVE CONSULTANTS, AGENTS AND EMPLOYEES FROM ANY AND ALL LIABILITY OR DAMAGE 157) 158) ARISING BY REASON OF THE BREACH OF THE PROVISIONS HEREIN SET FORTH. 2 159) IT IS NOT THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE CERTAIN THAT THE CONTRACT DOCUMENTS ARE IN ACCORDANCE WITH APPLICABLE LAWS, ORDINANCES AND 160) 161) REGULATIONS. HOWEVER, IF THE CONTRACTOR OBSERVES THAT ANY OF THE CONTRACT DOCUMENTS ARE AT VARIANCE THEREWITH IN ANY RESPECT, HE SHALL PROMPTLY NOTIFY THE CONTRACTING OFFICER AND ANY NECESSARY CHANGES SHALL BE 162) 163) 164) ACCOMPLISHED BY APPROPRIATE CHANGE ORDER. IF THE CONTRACTOR PERFORMS ANY WORK KNOWING IT TO BE CONTRARY TO SUCH 2 165) 166) LAWS, ORDINANCES, AND REGULATIONS, AND WITHOUT SUCH NOTICE TO THE CONTRACTING OFFICER, HE SHALL ASSUME FULL RESPONSIBILITY THEREFOR AND 167)

SHALL BEAR ALL COSTS ATTRIBUTABLE THERETO.

168)

Approved For Release 2009/04/02: CIA-RDP89-00244R000300150001-7 ON 00110 PAGE 5 CENTRAL INTELLIGENCE AGENCY DATE 11/30/83 TIME 20-175 HEADQUARTERS EXPANSION SPECIAL CONDITIONS BID PACKAGE 3SC (SUPPLY CONTRACT)

1	169)	9. PATENT INDEMNITY
2	170) 171)	REFER TO CLAUSE NO. 39 OF THE SUPPLEMENTAL PROVISIONS. EDIT INTERNALLY AS FOLLOWS:
3	172) 173) 174)	FOLLOWING THE WORD ""EMPLOYEES" IN THE FIRST SENTENCE, INSERT THE PHRASE ""AND THE ARCHITECT, AND HIS CONSULTANTS, AGENTS AND EMPLOYEES".
1	175)	10. INSURANCE
2	176)	PROPERTY INSURANCE
	177) 178) 179) 180)	THE CONTRACTOR SHALL PURCHASE AND MAINTAIN PROPERTY INSURANCE FOR THE FULL CONTRACT VALUE THEREOF UPON SUPPLIES FOR WHICH ANY PAYMENT HAS BEEN MADE AND SUPPLIES WHICH HAVE BEEN DELAYED IN SHIPMENT AT THE GOVERNMENT'S REQUEST.
3	181) 182) 183) 184) 185) 186)	THE CONTRACTOR SHALL FILE TWO CERTIFIED COPIES OF ALL POLICIES WITH THE CONTRACTING OFFICER BEFORE EXPOSURE TO LOSS CAN OCCUR. IF THE GOVERNMENT IS DAMAGED BY THE FAILURE OF THE CONTRACTOR TO MAINTAIN SUCH INSURANCE AND TO SO NOTIFY THE CONTRACTING OFFICER, THEN THE CONTRACTOR SHALL BEAR ALL REASONABLE COSTS PROPERLY ATTRIBUTABLE THERETO.
5	187)	TRANSIT INSURANCE
3	188) 189) 190)	THE CONTRACTOR SHALL PURCHASE AND MAINTAIN DURING SHIPMENT TRANSIT INSURANCE FOR THE FULL CONTRACT VALUE THEREOF UPON SUPPLIES FOR WHICH ANY PAYMENT HAS BEEN MADE.
<b>)</b> 1	191)	11. SUCCESSORS AND ASSIGNS
2	192) 193) 194) 195) 196) 197) 198)	THE GOVERNMENT AND THE CONTRACTOR EACH BINDS ITSELF, ITS PARTNERS, SUCCESORS, ASSIGNS AND LEGAL REPRESENTATIVES TO THE OTHER PARTY HERETO AND TO THE PARTNERS, SUCCESSORS, ASSIGNS AND LEGAL REPRESENTATIVES OF SUCH OTHER PARTY IN RESPECT TO ALL COVENANTS, AGREEMENTS AND OBLIGATIONS CONTAINED IN THE CONTRACT DOCUMENTS. NEITHER PARTY TO THE CONTRACT SHALL ASSIGN THE CONTRACT OR SUBLET IT AS A WHOLE WITHOUT THE WRITTEN CONSENT OF THE OTHER.
1	199)	12. WRITTEN NOTICE
2	200) 201) 202) 203) 204)	WRITTEN NOTICE SHALL BE DEEMED TO HAVE BEEN DULY SERVED IF DELIVERED IN PERSON TO THE INDIVIDUAL OR MEMBER OF THE FIRM OR ENTITY OR TO AN OFFICER OF THE CORPORATION FOR WHOM IT WAS INTENDED, OR IF DELIVERED AT OR SENT BY REGISTERED OR CERTIFIED MAIL TO THE LAST BUSINESS ADDRESS KNOWN TO HIM WHO GIVES THE NOTICE.
1	205)	13. CLAIMS FOR DAMAGES
2	206) 207) 208) 209) 210)	SHOULD EITHER PARTY TO THE CONTRACT SUFFER INJURY OR DAMAGE TO PERSON OR PROPERTY BECAUSE OF ANY ACT OR OMISSION OF THE OTHER PARTY OR OF ANY OF HIS EMPLOYEES, AGENTS OR OTHERS FOR WHOSE ACTS HE IS LEGALLY LIABLE, CLAIM SHALL BE MADE IN WRITING TO SUCH OTHER PARTY WITHIN A REASONABLE TIME AFTER THE FIRST OBSERVANCE OF SUCH INJURY OR DAMAGE.

Approved For Release 2009/04/02: CIA-RDP89-00244R000300150001-7 SH&G 13155 BP-3SC DATE 11/30/83 TIME 20-175 CENTRAL INTELLIGENCE AGENCY SPECIAL CONDITIONS HEADQUARTERS EXPANSION (SUPPLY CONTRACT) BID PACKAGE 3SC SUPPLY CONTRACT - CHILLERS

1	211)	14. RIGHTS AND REMEDIES
2	212) 213)	THE DUTIES AND OBLIGATIONS IMPOSED BY THE CONTRACT DOCUMENTS AND THE RIGHTS AND REMEDIES AVAILABLE THEREUNDER SHALL BE IN ADDITION TO AND NOT
	214) 215)	A LIMITATION OF ANY DUTIES, OBLIGATIONS, RIGHTS AND REMEDIES OTHERWISE IMPOSED OR AVILABLE BY LAW.
2	216) 217) 218) 219) 220)	NO ACTION OR FAILURE TO ACT BY THE CONTRACTING OFFICER, ARCHITECT OR CONTRACTOR SHALL CONSTITUTE A WAIVER OF ANY RIGHT OR DUTY AFFORDED ANY OF THEM UNDER THE CONTRACT, NOR SHALL ANY SUCH ACTION OR FAILURE TO ACT CONSTITUTE AN APPROVAL OF OR ACQUIESCENCE IN ANY BREACH THEREUNDER, EXCEPT AS MAY BE SPECIFICALLY AGREED IN WRITING.
1	221)	15. ASSIGNMENT OF CONTRACT
2	222) 223) 224) 225) 226) 227) 228) 229) 230) 231)	THE GOVERNMENT RESERVES AND IS HEREBY GRANTED THE RIGHT TO ASSIGN THIS CONTRACT TO THE INSTALLING CONTRACTOR AND MAKE IT A PART OF THE CONTRACT FOR BID PACKAGE 3. THE SUPPLY CONTRACTOR AGREES THAT, WHEN SUCH ASSIGNMENT IS MADE, HE WILL WORK UNDER THE INSTALLING CONTRACTOR IN THE SAME MANNER AS HE WOULD HAD THE CONTRACT BEEN ORIGINALLY AWARDED TO HIM BY THE INSTALLING CONTRACTOR, AND THAT HE WILL BE BOUND TO AND ASSUME TOWARD THE INSTALLING CONTRACTOR ALL THE OBLIGATIONS AND RESPONSIBILITIES THAT HE, BY HIS CONTRACT, ASSUMES TOWARD THE GOVERNMENT. IN CASE OF ASSIGNMENT, PAYMENTS TO THE SUPPLY CONTRACTOR WILL BE BY THE INSTALLING CONTRACTOR.

\*\*\*END OF SECTION

1)

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CENTRAL INTELLIGENCE AGENCY
HEADQUARTERS EXPANSION
BID PACKAGE 3SC
SUPPLY CONTRACT - CHILLERS

12	2)		WARRANTY	•
7	3)			
7	4)	PROJECT TITL	E AND LOCATION	***********
7	5)			***************************************
7	6)			•••••
7	7)	GOVERNMENT C	ONTRACT NUMBER	
7	8) 9)	ARCHITECT PROCESSION OF THE PR	DJECT NUMBER/ NTIFIER	************
7	10)	CONTRACTOR PI	ROJECT NUMBER	**********************
7	11)	WARRANTED SU	PPL I E S	***************************************
7	12)			***************************************
7	13)		N SECTION AND	
	14)			***************************************
7	15)	LENGTH OF WAR	RRANTY (YEARS)	*********
7	16)	CONTRACTOR		***************************************
7	17)	SUBCONTRACTOR	₹	
2	18) 19)	MANUFACTURED	VED HEREWITH WARRANT IN CONFORMANCE WIT	H THE REQUIREMENTS OF THE CONTRACT
	20) 21)	PERFORM WITHO	R THE PROJECT/CONTRACT OUT FAILURE AS SPECIFI	NAMED AND WARRANT SAID SUPPLIES TO ED FOR THE ABOVE STATED PERIOD OF TIME
7	22)	STARTING ON .	198	AND ENDING ON198
2	23) 24)	THIS WARRANT NEGLECT BY TH	Y DOES NOT APPLY SE GOVERNMENT OR OTHER	TO FAILURE TO PERFORM DUE TO ABUSE OR S OR DAMAGE BY VANDALISM.
2	25)	SUBCONTRACTOR	(IF APPLICABLE):	
7	26)	SIGNED	*************	*********
7	27)		***************************************	••••••
7	28)	TITLE	**************	• • • • • • • • • • • • • • • • • • • •
7	29)	NOTARY	********	•••••
7	30)	DATE	•••••	
7	31)	CONTRACTOR:		
7	32)	SIGNED	•••••	••••••
7	33>		********	• • • • • • • • • • • • • • • • • • • •
7	34)	TITLE	**************	
7	35)	NOTARY	4 * * * * * * * * * * * * * * * * * * *	•
7	36)	DATE	••••••	
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	CENTRAL HEADQUAR BID PACK	Release 2009/04/02 : CIA-RDP8 INTELLIGENCE AGENCY TERS EXPANSION AGE 3SC ONTRACT - CHILLERS	9-00244R0003	300150001-7 ON 01310 PAGE 1 DATE 11/28/83 TIME 17.929 SCHEDULE AND TIME OF COMPLETION
	ARTICLE		INDEX	LINE
	SCHEDULE			3
	***END 0	FINDEX		
7	1)			
7	2)			
1	3)			SCHEDULE
5	4)	MILESTONE DATES		
. 7	5)	INVITATION FOR BIDS		FEBRUARY 1, 1984.
7	6)	BID OPENING .		MARCH 1, 1984.
7	7)	CONTRACT AWARD		APRIL 1, 1984.
7	8)	NOTICE TO PROCEED		APRIL 1, 1984.
7	. 9)	DELIVERY OF FIVE CHILLERS		NOVEMBER 1, 1984.
7	10) 11) 12)	TENTATIVE BENEFICIAL ACCEPTANCE OF TWO CHILLERS		APRIL 1, 1985.
7	13) 14) 15)	TENTATIVE BENEFICIAL ACCEPTANCE OF THREE CHILLERS	1	APRIL 1, 1986.

Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150001-7 0N 01340 PAGE CENTRAL INTELLIGENCE AGENCY DATE 11/28/83 TIME 17.929 HEADQUARTERS EXPANSION SHOP DRAWINGS, PRODUCT DATA BID PACKAGE 3SC AND SAMPLES SUPPLY CONTRACT - CHILLERS ARTICLE INDEX LINE 1. GENERAL 1 2. DESCRIPTIONS AND SUBMITTALS 11 3. TRANSMITTAL AND APPROVAL 83 \*\*\*END OF INDEX 1 1) 1. SENERAL REFER TO SECTION 01340A, "APPENDIX "A" - GOVERNMENT'S REVIEW STAMP" 2 2) WITH FIRST SUBMISSION OF SHOP DRAWINGS, ETC., FURNISH TO CONTRACTING 4) OFFICER FOUR RUBBER STAMPS IN THE FORM SHOWN IN APPENDIX "A". FAILURE TO FURNISH THESE STAMPS MAY BE CAUSE FOR REJECTION OF THE SUBMITTED 5) 6) MATERIAL. 2 7) SCHEDULE SHOP DRAWING PRODUCT DATA AND SAMPLE SUBMITTALS FOR 8) INTER-RELATED ITEMS AT THE SAME TIME. 2 91 SHOP DRAWINGS SUBMITTED WHICH ARE NOT REQUIRED BY THE SPECIFICATIONS THE CONTRACTING OFFICER WILL BE RETURNED WITH NO COMMENT. 10) 1 11) 2. DESCRIPTIONS AND SUBMITTALS 2 MODEL NUMBERS, RATINGS, PERFORMANCE CHARACTERISTICS AND OTHER PERTINENT DATA SHALL BE CLEARLY MARKED AND IDENTIFIED ON SUBMITTALS. INFORMATION 13) 14) PERTAINING TO SEVERAL SIZES OR GRADES OF ONE CLASSIFICATION OF SUPPLIES OR TO SEVERAL COMPONENTS OF A SPECIFIC SYSTEM, SHALL BE BOUND TOGETHER 15) 16) AND CLEARLY IDENTIFIED. EQUIPMENT OR PRODUCT, SHALL BE BOUND TOGETHER AND CLEARLY IDENTIFIED. WHERE PRINTED MATERIALS DESCRIBE MORE THAN ONE 17) 18) PRODUCT OR MODEL, CLEARLY IDENTIFY WHICH IS TO BE FURNISHED. 2 19) SHOP DRAWINGS SHOP DRAWINGS ARE DRAWINGS. DIAGRAMS. SCHEDULES AND OTHER DATA 3 20) 21) PREPARED FOR THE WORK BY THE CONTRACTOR OR ANY 22) SUBCONTRACTOR, MANUFACTURER, SUPPLIER OR DISTRIBUTOR TO ILLUSTRATE 23) SOME PORTION OF THE JORK. SUBMIT SHOP DRAWINGS IN THE FORM OF ONE REPRODUCIBLE TRANSPARENCY AND 3 24) TWO COPIES (PRINTED FROM THE TRANSPARENCY). DO NOT SEND MORE THAN THE 25) SPECIFIED NUMBER OF COPIES. ADDITIONAL COPIES WILL BE DISCARDED. 26) 27) TRANSPARENCIES SHALL HAVE AN UNOBSTRUCTED SPACE AT THE RIGHT SIDE OR BOTTOM OF SIZE NOT LESS THAN 6 INCHES BY 3 INCHES FOR APPROVAL 28) 29) STAMPS AND DOCUMENT CONTROL NUMBERING. 30) TRANSPARENCIES OF THE SAME ITEM OR SYSTEM SHALL BE OF UNIFORM SIZE 31) AND BE NUMBERED CONSECUTIVELY. 2 PRODUCT DATA 32) 33) PRODUCT DATA ARE ILLUSTRATIONS, STANDARD SCHEDULES, PERFORMANCE CHARTS 34) AND TEST DATA, INSTRUCTIONS, BROCHURES, DIAGRAMS AND OTHER INFORMATION FURNISHED BY THE CONTRACTOR TO ILLUSTRATE AN ITEM OR ELEMENT OF 35) MATERIAL, EQUIPMENT OR SYSTEM FOR SOME PORTION OF THE WORK. 36) 3 37) SUBMIT PRODUCT DATA (GENERALLY 8-1/2 BY 11 INCH SIZE) IN THE FORM OF THREE, CLEAR, TOTALLY REPRODUCIBLE COPIES MADE BY REPRODUCTIVE MEANS 38) 39) ON 8-1/2 BY 14 INCH (LEGAL SIZE) PAPER. THE 3 BY 8-1/2 INCH SPACE 40) RESULTING FROM THE USE OF LEGAL SIZE PAPER SHALL BE LEFT UNOBSTRUCTED 41) FOR APPROVAL STAMPS AND NOTATIONS. 42) PRODUCT DATA THAT CANNOT BE SUBMITTED IN REPRODUCIBLE FORM, SUCH AS 43) PAINT COLOR CARDS, SHALL BE SUBMITTED IN FIVE COPIES.

2	44)	SAMPLES
3	45) 46)	SAMPLES ARE PHYSICAL EXAMPLES WHICH ILLUSTRATE MATERIALS. EQUIPMENT OR WORKMANSHIP AND ESTABLISH STANDARDS BY WHICH THE WORK WILL BE JUDGED.
3	47) 48) 49)	SUBMIT SAMPLES IN TRIPLICATE UNLESS DIFFERENT NUMBER IS SPECIFIED, TRANSPORTATION CHARGES PREPAID, WITH IDENTIFYING LABEL FIRMLY ATTACHED.
4	50) 51)	LABELS SHALL BE OF A SIZE TO RECEIVE APPROVAL STAMPS AND NOTATIONS, IN ADDITION TO THE IDENTIFYING INFORMATION SPECIFIED BELOW.
2	52)	TITLE BLOCK
3	53) 54) 55) 56)	IN ADDITION TO CONTRACTOR'S, SUBCONTRACTOR'S AND MANUFACTURER'S OR SUPPLIER'S IDENTIFYING AND APPROVAL INDICATIONS, SHOP DRAWINGS, PRODUCT DATA AND LABELS FOR SAMPLES SHALL HAVE IDENTIFYING TITLE BLOCKS. TITLE BLOCKS SHALL CONTAIN:
4	57)	PROJECT TITLE.
4	58)	NAME OF CONTRACT.
4	59)	GOVERNMENT'S CONTRACT NUMBER.
4	60)	ARCHITECT'S NAME AND PROJECT NUMBER INCLUDING CONTRACT IDENTIFIER.
4	61) 62)	ADDRESS (SECTION AND LINE NUMBERS) IN THE SPECIFICATION SECTION OF THE REQUIRED SUBMITTAL.
4	(ده	DATE OF INITIAL SUBMITTAL.
4	64)	CONTROL NUMBER.
2	65)	NOTE:
3	66) 67)	SHOP DRAWINGS NOT SUBMITTED IN THE FORM OF REPRODUCIBLE TRANSPAREDCIES WILL NOT BE ACCEPTED FOR REVIEW.
3	63) 69) 70)	PRODUCT DATA NOT SUBMITTED IN THE FORM OF REPRODUCIBLE COPIES WILL NOT BE ACCEPTED FOR REVIEW, EXCEPT PRODUCT DATA SPECIFICALLY EXEMPTED FROM THE REPRODUCIBLE COPIES REQUIREMENT.
3	71) 72)	SHOP DRAWINGS, PRODUCT DATA AND SAMPLES NOT BEARING THE CONTRACTOR'S STAMP OF APPROVAL WILL NOT BE ACCEPTED FOR REVIEW.
3	73) 74)	SHOP DRAWINGS, PRODUCT DATA AND SAMPLES SUBMITTED WITHOUT SPECIFIED SPACE FOR APPROVAL STAMPS WILL NOT BE ACCEPTED FOR REVIEW.
3	75) 76)	SAMPLES WHICH ARRIVE WITHOUT THE TRANSPORTATION CHARGES PREPAID WILL NOT BE ACCEPTED FOR REVIEW.
3	77) 78) 79) 80) 81) 82)	THE FIRST TWO SUBMITTALS UP EACH SHOP DRAWING OR PRODUCT DATA WILL BE PROCESSED WITHOUT COST TO THE CONTRACTOR. BEGINNING WITH THE THIRD SUBMITTAL THE GOVERNMENT MAY CHARGE THE CONTRACTOR FOR THE COST OF SUCH SUBSEQUENT PROCESSING OF SHOP DRAWINGS AND PRODUCT DATA UNLESS AN APPROVED CHANGE ORDER IS ISSUED AFFECTING THE SHOP DRAWINGS AND PRODUCT DATA.

Approved For Release 2009/04/02: CIA-RDP89-00244R000300150001-7 ON 01340 PAGE 3
CENTRAL INTELLIGENCE AGENCY DATE 11/28/83 TIME 17.929
HEADQUARTERS EXPANSION SHOP DRAWINGS, PRODUCT DATA
BID PACKAGE 3SC
SUPPLY CONTRACT - CHILLERS

1	83)	3. TRANSMITTAL AND APPROVAL
2	84)	TRANSMITTAL
3	85)	TRANSMIT SHOP DRAWINGS. PRODUCT DATA AND SAMPLES USING TRANSMITTAL
	86)	FORMS FURNISHED BY THE GOVERNMENT. FILL OUT TRANSMITTAL FORM.
4	87)	INCOMPLETE OR ERRONEOUS TRANSMITTALS WILL BE RETURNED WITHOUT
	(88	ACTION.
4	89)	PORTIONS OF TRANSMITTAL FORM WILL BE COMPLETED BY THE GOVERNMENT.
3	90)	RESUBMITTAL PROCEDURE SHALL FOLLOW SAME PROCEDURE AS THE INITIAL
	91)	SUBMITTAL.
2	92)	APPROVAL
3	93)	GOVERNMENT'S STAMP ON CONTRACTOR'S SUBMITTAL CHECKED "APPROVED"
	94)	(CODE NO. 1). OR ''APPROVED AS NOTED'' (CODE NO. 2). APPROVAL DOES NOT
	95)	AUTHORIZE CHANGES TO CONTRACT SUM UNLESS STATED IN SEPARATE LETTER OR
	96)	CHANGE ORDER.
3	97)	UPON RECEIPT OF ''APPROVED'' OR ''APPROVED AS NOTED'' SUBMITTALS, MAKE
	98)	NECESSARY COPIES FOR DISTRIBUTION TO PARTIES REJUIRING THE APPROVED
	99)	INFORMATION.
2	100)	DISAPPROVAL
3	101)	GOVERNMENT'S STAMP CHECKED "'REVISE AND RESUBMIT" (CODE NO. 3). OR
	102)	"NOT APPROVED" (CODE NO. 4). RESUBMIT CORRECTED COPIES FOR FINAL
	103)	APPROVAL. CORRECTION SHALL BE LIMITED TO ITEMS MARKED.
3	104)	THE DISAPPROVAL OF SHOP DRAWINGS. PRODUCT DATA AND SAMPLES OR DELAY IN
	105)	SUBMITTING OR RESUBMITTING SHOP DRAWINGS, PRODUCT DATA AND SAMPLES
	106)	SHALL NOT BE DEEMED CAUSE FOR AN EXTENSION OF TIME.
2	107)	THE GOVERNMENT MAY HOLD SHOP DRAWINGS, PRODUCT DATA AND SAMPLES IN CASES
	108)	WHERE PARTIAL SUBMITTAL CANNOT BE REVIEWED UNTIL THE COMPLETE SUBMITTAL
	109)	HAS BEEN RECEIVED OR WHERE SUCH SUBMITTAL CANNOT BE REVIEWED UNTIL
	110)	ASSOCIATED ITEMS HAVE BEEN RECEIVED. WHEN SUCH SUBMITTALS ARE HELD BY THE
	111)	GOVERNMENT, IT WILL SO ADVISE THE CONTRACTOR IN WRITING.

## Section 01340A - Appendix 'A' Government's Submittals Review Stamp

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Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150001-7 0N 01500 PAGE DATE 11/28/83 TIME 17,929 CENTRAL INTELLIGENCE AGENCY HEADQUARTERS EXPANSION PACKAGING, DELIVERY AND STORAGE BID PACKAGE 3SC SUPPLY CONTRACT - CHILLERS ARTICLE INDEX LINE 1. DELIVERY 1 2. UNLOADING AND POSSESSION 6 \*\*\*END OF INDEX 1) 1. DELIVERY 2 ALL DELIVERIES TO THE PROJECT FOR ALL CONTRACTS WILL BE ACCORDING TO 2) PRECISE SCHEDULES. PLAN AND EXECUTE DELIVERIES OF THE SUPPLIES ACCORDING TO THE SCHEDULE 2 4) 5) WORKED OUT WITH THE INSTALLING CONTRACTOR. 1 6) 2. UNLOADING AND POSSESSION 2 7) CONTRACTOR'S AUTHORIZED REPRESENTATIVE SHALL BE PRESENT AT ALL TIMES OF ARRIVAL OF THE SUPPLIES AT THE PROJECT SITE, SHALL OBSERVE THE WORK OF 8) UNLGADING, AND SHALL CERTIFY TO THE CONTRACTING OFFICER, IN WRITING, THAT 9) 10) THE SUPPLIES WERE UNLOADED WITHOUT DAMAGE, IF SUCH IS TRUE. POSSESSION OF THE SUPPLIES SHALL PASS FROM THE CONTRACTOR TO THE INSTALLING CONTRACTOR AT MOMENT WHEN INSTALLING CONTRACTOR BEGINS TO MAKE 2 11) 12) ATTACHMENTS FOR UNLOADING. POSSESSION BY INSTALLING CONTRACTOR SHALL IN NO WAY DIMINISH THE SUPPLY 14) 15) CONTRACTOR'S RESPONSIBILITY FOR PROPER PERFORMANCE OF THE SUPPLIES IN THE 16) ABSENCE OF DAMAGE CAUSED BY INSTALLING CONTRACTOR'S OPERATIONS.

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ARTICLE

SUPPLY CONTRACT - CHILLERS

CENTRAL LIQUID CHILLER REFRIGERATION MACHINES

1

LINE

INDEX

\*\*\*END OF INDEX

- 1 1) CENTRAL LIQUID CHILLER REFRIGERATION MACHINES
- 2 2) FURNISH FIVE (5) CENTRIFUGAL LIQUID CHILLER UNITS, WITH SPECIFIED
  - 3) ACCESSORIES; CHILLER MANUFACTURER'S SHALL BE: YORK, CARRIER OR TRANE.
- Z 4) FOR OPERATING ECONOMY, THE CHILLERS SHALL BE CAPABLE OF STARTING AND
  - OPERATING AT MINIMUM LOAD WITH THE ENTERING CONDENSER WATER TEMPERATURE 5)
- AT LEAST AS LOW AS 55 DEG. F.
- 2 7) CHILLER PERFORMANCE SHALL BE RATED IN ACCORDANCE WITH THE
  - CONDITIONING AND REFRIGERATION INSTITUTE (ARI) STANDARD 550; AMERICAN 8)
  - NATIONAL STANDARDS INSTITURE (ANSI) 89.1 AND 831.5, LATEST EDITIONS.
- 2 10) EACH UNIT SHALL BE A COMPLETE FACTORY PACKAGE INCLUDING A CENTRIFUGAL 11)
  - COMPRESSOR, OPEN OR HERMETIC MOTOR, COMPRESSOR MOTOR STARTER, COOLER,
  - 12) CONDENSER AND PURGE OR PUMPOUT UNIT. UNIT SHALL BE FACTORY ASSEMBLED, 13) PIPED, WIRED AND LEAK TESTED. IF THE MANUFACTURER DOES NOT PROVIDE A UNIT
  - 14)
  - AS A COMPLETE FACTORY PACKAGE, THE INSTALLING CONTRACTOR WILL FURNISH THE 15) NECESSARY LABOR AND MATERIAL TO COMPLETE THE ASSEMBLY WITH THE
  - SUPERVISION OF THE MANUFACTURER'S REPRESENTATIVE. MANUFACTURER OF CHILLER 16)
  - 17) SHALL HAVE A FACTORY MAINTAINED SERVICE ORGANIZATION AND REPAIR PARTS
  - 18) STOCK WITHIN A 50 MILE RADIUS. ALL COMPONENTS SHALL BE PROVIDED WITH
  - 19) LIFTING EYES.

2

2

- EVAPORATOR AND CONDENSER SHALL BE OF SHELL AND TUBE TYPE DESIGN IN ACCORDANCE WITH REQUIREMENTS OF THE ASME CODE FOR UNFIRED PRESSURE VESSELS. REFRIGERANT SIDE SHALL BE PROOF-TESTED PER APPLICABLE CODE OR AT 20)
  - 21)
  - 22) 1.5 TIMES MAXIMUM DESIGN WORKING PRESSURE BUT NOT LESS THAN 45 PSIG. A 23)
  - 24) SAFETY RUPTURE DISC IN ACCORDANCE WITH ANSI/ASHRAE 15-1978 SAFETY CODE
  - SHALL BE PROVIDED FOR THE REFRIGERANT CIRCUIT. 25)
  - EACH TUBE SHALL BE INTEGRAL, EXTERNALLY FINNED, 3/4-INCH
    - DIAMETER, .045 INCH WALL THICKNESS, SEAMLESS COPPER WITH SMOOTH LANDS AT 27)
    - ALL TUBE SUPPORTS. TUBES SHALL BE INDIVIDUALLY REPLACEABLE WITH TUBE ENDS 28)
    - ROLLED INTO ANNULAR GROOVES IN THE TUBE SHEETS. EACH EVAPORATOR TUBE 29)
    - 30) SHALL BE ROLLED INTO THE INTERMEDIATE SUPPORT SHEETS.
- 2 31) WATER BOXES SHALL BE DESIGNED FOR 150 PSIG MAXIMUM WORKING PRESSURE.
  - WATER SIDE SHALL BE HYDROSTATICALLY TESTED AT 1.5 TIMES WORKING PRESSURE. 32)
  - WATER BOXES SHALL BE OF THE MARINE STYLE, WITH COVERS REMOVABLE WITHOUT 33)
  - DISTURBING PIPING. CONDENSER AND CHILLED WATER BOX COVERS SHALL ALSO BE 34)
  - HINGED. TAPS FOR VENTS AND DRAINS SHALL BE PROVIDED. 35)
  - 36) EVAPORATOR SHALL HAVE ELIMINATORS INSTALLED ALONG ITS COMPLETE LENGTH
  - ABOVE THE TUBES TO PREVENT LIQUID REFRIGERANT FROM ENTERING THE 37)
  - 38) COMPRESSOR.
- 39) LIQUID REFRIGERANT ENTERING EVAPORATOR SHALL BE DISTRIBUTED UNIFROMLY THE
  - ENTIRE LENGTH OF SHELL AND WITHOUT DIRECT IMPINGEMENT OF HIGH VELOCITY . 40)
  - 41) REFRIGERANT ON TUBES.
- FOR STANDARD WATER SELECTIONS, MINIMUM ALLOWABLE REFRIGERANT TEMPERATURE 2 42)
  - 43) SHALL BE 34 F. AT THE DESIGN CONDITIONS HEREINAFTER SPECIFIED.
  - 441 RELIEF DEVICES SHALL BE PROVIDED FOR THE REFRIGERANT SIDE, IN ACCORDANCE
    - WITH ANSI B9.1 SAFETY CODE AND LOCAL CODE. MULTIPLE RELIEF DEVICES SHALL 45)
    - 46) BE BROUGHT TO A COMMON VENT CONNECTION.
    - COMPRESSOR SHALL BE OF THE CENTRIFUGAL TYPE, DIRECT OR GEAR-DRIVEN. 47)
    - 48) MAXIMUM SPEED FOR GEAR-DRIVEN MACHINES SHALL BE 7000 RPM.

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- 2 COMPRESSOR IMPELLERS SHALL BE HIGH STRENGTH ALUMINUM ALLOY, BALANCED BOTH STATICALLY AND DYNAMICALLY. IMPELLER SHALL BE PROOF-TESTED AT LEAST 15 PERCENT ABOVE DESIGN OPERATING SPEED. 50)
  - 51)
- 2 52) COMPRESSOR ASSEMBLY SHALL BE RUN-TESTED AT THE FACTORY. VIBRATION SHALL NOT EXCEED 1.0 MIL AT THE COMPRESSOR HOUSING.
- CAPACITY CONTROL SHALL BE BY VARIABLE INLET GUIDE VANES, CAPABLE OF 2 MODULATING PERFORMANCE FROM 10 PERCENT TO 100 PERCENT RATED UNIT CAPACITY 55) 56) AT DESIGN CONDITIONS. MINIMUM CAPACITY OF 10 PERCENT SHALL BE ATTAINED
  - WITHOUT SURGING OR ADJUSTING REFRIGERANT CHARGE. AUTOMATIC HOT GAS 57) 58) BYPASS, IF REQUIRED, SHALL BE PROVIDED TO ALLOW OPERATION AT 10 PERCENT
  - LOAD. MINIMUM CONDENSER WATER TEMPERATURE IS TO BE 55 DEGREES F.
- 2 60) MOTOR SHALL BE CONTINUOUS DUTY, SQUIRREL CAGE INDUCTION TYPE, AND SHALL HAVE AN OPEN DRIP-PROOF OR HERMETIC DESIGN ENCLOSURE. MOTOR FULL-LOAD 61)
  - AMPERES (FLA) AT DESIGN CONDITIONS SHALL NOT EXCEED MOTOR NAMEPLATE FLA. 62)
  - MOTOR SHALL BE FACTORY MOUNTED AND ALIGNED WITH THE COMPRESSOR. MOTOR 63)
  - SHALL BE DESIGNED FOR USE WITH THE TYPE STARTER SPECIFIED.
- A POSITIVE DISPLACEMENT SUBMERGED OIL PUMP SHALL PROVIDE LUBRICATION TO 2 65) ALL PARTS REQUIRING OIL. PROVISIONS SHALL BE INCLUDED FOR CONTROLLED 66)
  - HEATING OF OIL. HEATER SHALL BE SELECTED TO MAINTAIN OIL AT 150 DEGREES 68)
  - F. DURING SHUT-DOWN TO MINIMIZE AFFINITY FOR REFRIGERANT. THE OIL PUMP 69) SHALL BE SUITABLE FOR OPERATION ON 120-VOLT SINGLE PHASE POWER. THIS
- POWER SHALL BE SUPPLIED THROUGH THE CONTROL POWER TRANSFORMER. 70)
- THE UNIT MANUFACTURER SHALL PROVIDE A FULLY AUTOMATIC, FACTORY INSTALLED 2 71) OIL RETURN SYSTEM TO REMOVE THE OIL FROM THE LIQUID REFRIGERANT DURING 72)
  - CHILLER OPERATION. THE OIL RETURN SYSTEM SHALL CONTINUOUSLY MAINTAIN THE 73) 74) PROPER OIL LEVEL IN THE COMPRESSOR OIL SUMP AND PREVENT THE COLLECTION OF
  - OIL IN THE EVAPORATOR. 75)
- 76) LUBRICATION SYSTEM SHALL BE PROVIDED WITH TWO HIGH OIL TEMPERATURE CUTOUTS: ONE IN THE BEARING OIL OUTLET AND ONE IN THE OIL PUMP DISCHARGE. 77)
- 2 A REFRIGERANT OR WATER COOLED OIL COOLER SHALL BE PROVIDED. EXTERNAL
- WATER SOURCE TO BE CHILLED WATER. IF THE OIL COOLER IS WATER COOLED THE 80) INSTALLING CONTRACTOR WILL FURNISH AND INSTALL NECESSARY AUXILIARY WATER
  - PIPING, VALVES AND CONTROLS TO THE OIL COOLER. COMPLETE LUBRICATION 81)
  - SYSTEM SHALL BE FACTORY INSTALLED AND PIPED. 82)
  - MOTOR WINDING TEMPERATURE SENSORS SHALL BE LOCATED IN THE MOTOR WINDING 83) 84) OF EACH PHASE OF COMPRESSOR MOTORS. SENSORS SHALL INDEPENDENTLY STOP THE
    - COMPRESSOR MOTOR IF EXCESSIVE TEMPERATURE IS SENSED IN ANY OF THE THREE 85)
    - WINDINGS. A FULL SET OF SPARE SENSORS SHALL BE PROVIDED WITH WIRING TO 86)
    - 87) CONTROL PANEL.

2

- 88) LOW VOLTAGE AND SINGLE-PHASE PROTECTION (PHASE FAILURE) SHALL BE PROVIDED BY MEANS OF AN ANSI NO. 47 SEQUENCE VOLTAGE RELAY.
- UNITS THAT OPERATE AT SUB-ATMOSPHERIC PRESSURE (R-11, R-113, R-114) SHALL 2 90) 91)
  - BE PROVIDED WITH A COMPLETE PURGE UNIT, PROVIDING POSITIVE MEANS FOR COLLECTION, RETURN OF REFRIGERANT AND REMOVAL OF NON-CONDENSABLES. A 92)
    - SIGNAL LIGHT ON THE CONTROL CENTER SHALL BE PROVIDED WHICH WILL ALERT THE 93)
    - OPERATOR AT OCCURRENCE OF EXCESSIVE PURGING, INDICATING AN ABNORMAL AIR 94)
  - 95) LEAK INTO THE UNIT.
- 2 96) PURGE UNIT SHALL BE PROVIDED WITH THE FOLLOWING:
- 7 97) SIGHT GLASS OIL LEVEL INDICATOR.
- 7 98) ELECTRICALLY HEATED OIL SEPARATOR.
- 99) SECTIONALIZED DRUM PERMITTING SEPARATION OF NONCONDENSABLE 100) GASES AND WATER FROM DISCHARGE OF COMPRESSOR PURGE.

App	"HEADQUA	Release 2009/04/02 : CIA-RDP89-00244R000300150001-7 11/30/83 TIME 20.175 CHILLERS
		CONTRACT - CHILLERS
7	101) 102)	MEANS FOR RETURNING REFRIGERANT TO EVAPORATOR AND FOR DRAWING OFF NONCONDENSABLES.
7	103) 104) 105)	SOLENOID VALVE TO AUTOMATICALLY ISOLATE PURGE SYSTEM FROM CENRIFUGAL MACHINE WHEN PURGE COMPRESSOR IS NOT IN OPERATION
7	106) 107)	WATER CONNECTIONS TO ALLOW OPERATION OF THE PURGE SYSTEM WHEN CENTRIFUGAL MACHINE IS NOT IN OPERATION.
2	108) 109) 110) 111) 112) 113) 114) 115) 116) 117) 118) 119)	UNITS THAT OPERATE ABOVE 15 PSIG (R12, R-22, R-500) SHALL BE PROVIDED WITH A SEPARATE COMPRESSOR OPERATED TRANSFER UNIT AND SEPARATE STORAGE RECEIVER TO PERMIT REMOVAL AND ISOLATION OF THE FULL REFRIGERANT CHARGE ALLOWING INTERNAL INSPECTION OF THE CONDENSER, EVAPORATOR AND CENTRIGUGAL COMPRESSOR. THE STORAGE RECEIVER SHALL BE ASME CODE CONSTRUCTED AND STAMPED, AND FURNISHED WITH ANSI B9.1 SAFETY CODE AND LOCAL CODE. PUMPOUT SYSTEM SHALL BE SUPPLIED AND WARRANTED BY THE CENTRIFUGAL MACHINE MANUFACTURER. IT SHALL BE PRE-PIPED AND PRE-WIRED COMPLETE WITH FUSED DISCONNECT, STARTER AND CONTROLS HOUSED IN A NEMA 1 ENCLOSURE. EACH UNIT SHALL HAVE ITS OWN COMPLETE PUMP-OUT SYSTEM. THE INSTALLING CONTRACTOR WILL FURNISH AND INSTALL NECESSARY AUXILIARY WATER PIPING AND VALVES TO TRANSFER UNIT CONDENSER.
2	120) 121)	EACH CHILLER SHALL BE EQUIPPED WITH AN ELECTRIC CONTROL PANEL AND INCLUDE THE FOLLOWING.
3	122) 123)	THREE-PHASE ELECTRONIC CURRENT LIMITING WITH INDIVIDUAL CURRENT TRANSFORMERS.
4	124) 125) 126) 127)	ELECTRONIC CURRENT LIMITER SHALL LIMIT THE MAXIMUM AMPERAGE DRAWN BY THE COMPRESSOR MOTOR BY MONITORING ALL THREE PHASES OF SUPPLY POWER. THE INLET GUIDE VANES SHALL MODULATE IN RESPONSE TO THE MAXIMUM AMPERAGE DRAWN BY ANY ONE OF THE THREE PHASES.
4	128) 129) 130)	CONTINUOUS VARIABLE POSITION DEMAND LIMITER SHALL PERMIT MANUAL CONTROL OF POWER DEMAND AT ALL OPERATING POINTS FROM 40 TO 100 PERCENT OF FULL LOAD POWER.
3	131)	CAPACITY CONTROL
4	132) 133) 134)	SELF-CONTAINED ELECTRIC TEMPERATURE CONTROL SYSTEM, INCLUDING TEMPERATURE SENSOR, VANE ACTUATOR AND INTEGRATED CIRCUIT SOLID STATE CONTROLS.
4	135) 136)	PRECISE CONTROL OF DEADBAND RANGE SHALL BE FIELD ADJUSTABLE FROM PLUS OR MINUS 1/4 DEG. F TO PLUS OR MINUS 1-1/2 DEG. F.
4	137) 138)	UNIT SHALL INCLUDE A MANUAL FOUR-POSITION (HOLD, LOAD, UNLOAD OR AUTOMATIC) DIAGNOSTIC SWITCH FOR EASE OF MAINTENANCE.
4	139) 140)	INDIVIDUAL LIGHTS SHALL INDICATE WHEN MACHINE IS LOADING, UNLOADING, OR IF AUTOMATIC CURRENT LIMITING IS OCCURRING.
4	141) 142) 143)	LOW REFRIGERANT TEMPERATURE OVERRIDE TO AUTOMATICALLY CLOSE THE GUIDE VANES AND STOP THE COMPRESSOR IF LOW REFRIGERANT TEMPERATURE IS DETECTED.
4	144) 145)	A METHOD TO MAINTAIN CAPACITY INLET GUIDE VANES IN CLOSED POSITION DURING COMPRESSOR START-UP.
4	146) 147) 148)	AN ADJUSTABLE ANTIRECYCLE TIMER TO ENSURE 30-MINUTE INTERVAL BETWEEN SUCCESSIVE COMPRESSOR MOTOR STARTS. TIMER TO BE ACTIVATED AT "START".
4	149) 150) 151)	INDIVIDUAL, FRONT ADJUSTABLE GAUGES TO INDICATE CONDENSER, EVAPORATOR, OIL AND PURGE DRUM PRESSURES. GAUGES SHALL BE ORIFICED TO PREVENT EXCESSIVE SENSITIVITY AND MOVEMENT OF GAUGE INDICATORS.

Approved For Release 2009/04/02: CIA-RDP89-00244R000300150001-7 SH&G 13155 BP-3SC
CHILLERS HEADQUARTERS EXPANSION
BID PACKAGE 3SC
SUPPLY CONTRACT - CHILLERS

TIMER TO PROVIDE OPERATION OF OIL PUMP DURING PRELUBE AND POST-LUBE 153) CYCLES.

- 154) SWITCH TO PERMIT MANUAL OR AUTOMATIC OPERATION OF THE PURGE SYSTEM.
- 155) THE FOLLOWING SAFETY CONTROLS SHALL BE WIRED IN THE MAIN CONTROL POWER CIRCUIT TO THE STARTER: LOW EVAPORATOR TEMPERATURE, HIGH CONDENSER PRESSURE, HIGH MOTOR TEMPERATURE, HIGH LUBE OIL TEMPERATURE AND LOW OIL PRESSURE CONTROLS SHALL BE WIRED TO 156) 157) 158) INDEPENDENTLY STOP THE COMPRESSOR MOTOR. ADDITIONALLY, 159) EACH OF 160) THESE CONTROLS SHALL BE WIRED THROUGH A FAULT TRIP INDICATOR TO PROVIDE A DOUBLE BREAK OF ALL SAFETY LOCKOUT SYSTEMS. METHOD TO 161) PROVIDE FIRST-OUT INDICATION OF FAULT SHALL BE PROVIDED. MANUAL 162) 163) RESET OF THE FAULT TRIP INDICATOR SHALL BE REQUIRED.
- 4 164) ONE ADDITIONAL NORMALLY CLOSED ALARM CONTACT (CONVERTIBLE TO 165) NORMALLY OPEN CONTACTS ON EACH FAULT TRIP INDICATOR) TO ALLOW 166) REMOTE ANNUNCIATION OF ANY OF THE FOLLOWING CONDITIONS: LOW 167) EVAPORATOR TEMPERATURE, HIGH CONDENSER PRESSURE, HIGH MOTOR 168) TEMPERATURE, LOW OIL PRESSURE AND ELECTRICAL OVERLOAD.
- 4 169) A 4160/120 VOLT TRANSFORMER SHALL SUPPLY 120-VOLT POWER SUPPLIES 170) INDIVIDUALLY FUSED TO SERVE: CONTROL CIRCUIT, OIL PUMP SYSTEM 171) CIRCUIT, OIL HEATER CIRCUIT AND PURGE CIRCUIT.
- FACTORY INSTALLED CONTROL PANEL LIGHTS TO INDICATE SEQUENTIAL
  TOTAL
  TOTA
- 4 177) CAPABILITY OF INTERFACING WITH TYPICAL BUILDING ENERGY MANAGEMENT
  178) SYSTEMS (DIRECT CURRENT LOAD SHED SIGNALS) TO REDUCE TOTAL
  179) ELECTRICAL PEAK DEMAND.
- 4 180) CAPACITY CONTROL MECHANISM WHICH PROVIDES UNLOADED START-UP.
- 2 181) EACH UNIT SHALL BE FACTORY ANTI-SWEAT INSULATED WITH FLEXIBLE CLOSED CELL 182) INSULATION. INSULATION SHALL BE APPLIED TO THE COOLER PORTION OF THE 183) SHELL AT MINIMUM THICKNESS 3/4 INCH. THE SAME TYPE INSULATION SHALL BE 184) APPLIED TO COMPRESSOR SUCTION PIPING AND OTHER REFRIGERANT PIPING AS 185) NECESSARY.
- 2 186) THE UNIT MANUFACTURER SHALL FURNISH THE COMPLETE INITIAL CHARGE OF 187) REFRIGERANT AND LUBRICATING OIL, CHILLED WATER AND CONDENSER WATER FLOW 188) SWITCHES, AND FOUR VIRBATION ISOLATION MOUNTS CONSISTING OF 5/8 INCH 189) STEEL MOUNTING PLATES WITH 1 INCH THICK NEOPRENE ISOLATION PADS.
- 2 190) REMOTE MOUNTED STARTERS
- 3 191) COMPRESSOR MOTOR STARTER SHALL BE SUPPLIED BY THE CENTRIFUGAL CHILLER 192) MANUFACTURER. STARTER SHALL BE A 5 KV PRIMARY REACTOR TYPE ENCLOSED IN 193) A FREE STANDING NEMA-1 ENCLOSURE.
- THE STARTER PANEL DOOR SHALL BE HINGED AND SHALL BE CAPABLE OF BEING 195)

  PADLOCKED TO PREVENT ACCESS BY UNAUTHORIZED PERSONNEL.
- THE AMBIENT TEMPERATURE INSIDE THE STARTER PANEL SHALL NOT EXCEED 155 197)
  DEG. F (67 DEG. C) WITH ALL COMPONENTS ENERGIZED AT RATED LOAD 198)
  CONDITIONS AND 104 DEG. F (40 DEG. C) AMBIENT OUTSIDE THE STARTER 199)
  PANEL. TEMPERATURE RISE OF COMPONENTS SHALL BE PER RELATED NEC. NEMA 200)
  AND UL CODES.
- 3 201) A PERMANENT NAMEPLATE SHALL BE PROVIDED AND MOUNTED ON THE STARTER 202) PANEL. IT SHALL IDENTIFY THE MANUFACTURER, SERIAL OR MODEL NUMBER 203) IDENTIFYING THE DATE OF MANUFACTURE AND COMPONENT REPLATEMENT PARTS 204) AND ALL CURRENT AND VOLTAGE RATINGS.

_	SH&G_ 1_	3155 RP-381
Ap		Release 2009/04/02: CIA-RDP89-00244R000300150001-7 11/30/83 TIME 20.175 TERS EXPANSION CHILLERS
•	BID PACK	AGE 3SC
	SUPPLY	ONTRACT - CHILLERS
4	205)	THE OVERLOAD SYSTEM, CONSISTING OF ANSI NO. 50 INSTANTANEOUS
	206) 207)	OVERCURRENT OR RATE OF RISE RELAYS, SHALL BE COORDINATED WITH THE COMPRESSOR MOTOR AND FACTORY SET AND LABELED WITH THE COMPRESSOR
	208)	COMPRESSOR MOTOR AND FACTORY SET AND LABELED WITH THE COMPRESSOR MOTOR RATED LOAD AMPS (RLA) , LOCKED ROTOR AMPS (LRA) AND OVERLOAD
	209)	TRIP (OLT) SETTINGS, AND SHALL PROVIDE:
5	210)	EXCESSIVE LOCKED ROTOR TIME PROTECTION.
5	211)	CURRENT CONTROL OF TRANSITION FROM START TO RUN CONFIGURATION.
5	212) 213)	MAXIMUM CURRENT PROTECTION TO PREVENT THE COMPRESSOR MOTOR FROM EXCEEDING ITS OLT SETTING.
5	214)	PROTECTION OF EQUIPMENT AGAINST TRANSITION RESISTOR FAILURE.
5	215)	A FAULT TRIP INDICATOR, ""MOTOR OVERLOAD" SHALL BE LOCATED IN
	216)	THE DOOR OF THE STARTER PANEL ENCLOSURE. THIS FAULT INDICATOR
	217) 218)	SHALL BE DISPLAYED IF ANY OF THE ABOVE CONDITIONS ARE SENSED AND
	219)	SHALL CAUSE THE MACHINE TO BE SHUT DOWN. THIS FAULT SHALL REQUIRE MANUAL RESET. ELECTRONIC DIGITAL TIMING SHALL BE
	220)	REQUIRE MANUAL RESET. ELECTRONIC DIGITAL TIMING SHALL BE PROVIDED BY THE OVERLOAD SYSTEM FOR REPEATABILITY AND ACCURACY.
	221)	A NORMALLY CLOSED ALARM CONTACT SHALL BE PROVIDED FOR REMOTE
	222)	ANNUNCIATION OF ANY OF THE ABOVE CONDITIONS.
4	223)	THE THREE-PHASE OVERLOAD SYSTEM SHALL BE FIELD SET FOR PURPOSES OF
_	224)	COORDINATION WITH OTHER ELECTRICAL PROTECTION DEVICES.
3	225)	TO PREVENT THE INCREASINGLY COMMON RAPID RECLOSURE FEATURE OF UTILITY
	226) 227)	POWER DISTRIBUTION SYSTEMS FROM ADVERSELY AFFECTING THE MECHANICAL AND
	228)	POWER DRIVE EQUIPMENT, DISTRIBUTION FAULT PROTECTION SHALL BE PROVIDED.
4	229)	THE DISTRIBUTION FAULT PROTECTION SHALL CONSIST OF THREE-PHASE
	230)	CURRENT SENSING AND MONITORING THE STATUS OF THE STARTER. IF A
	231)	DISTRIBUTION FAULT IS DETECTED, THE FAULT TRIP INDICATOR
-	232)	""DISTRIBUTION FAULT" SHALL BE DISPLAYED AND MANUAL RESET SHALL BE
	233)	REQUIRED. DISTRIBUTION FAULTS OF 1-1/2 ELECTRICAL CYCLES DURATION
	234) 235)	SHALL BE DETECTED AND THE COMPRESSOR MOTOR SHALL BE DISCONNECTED
7		WITHIN SIX ELECTRICAL CYCLES.
3	236) 237)	DIFFERENTIAL PROTECTION
-	238)	ALL MOTOR ARMATURE LEADS SHALL BE EXTENDED FOR THE APPLICATION OF DIFFERENTIAL RELAYING PROTECTION. PROVIDE SIX CURRENT TRANSFORMERS
	239)	(MATCHED) AND THREE DIFFERENTIAL RELAYS (ANSI NO. 87).
3	240)	POWER SUPPLY TERMINALS SHALL BE IDENTIFIED BY PERMANENT MARKERS. THE
	241)	MAXIMUM TEMPERATURE OF TERMINALS SHALL NOT EXCEED 167 DEG. F (75 DEG.
	242)	C) WHEN THE EQUIPMENT IS TESTED IN ACCORDANCE WITH ITS RATING
3	243)	CONTACTORS SHALL BE UL RECOGNIZED FOR AIR CONDITIONING AND
	244)	REFRIGERATION (DEFINITE PURPOSE) USE. THEY SHALL BE RATED IN VOLTAGE.
	245) 246)	CONTINUOUS RATED LOAD AMPERES (RLA) AND LOCKED ROTOR AMPERES (LRA). THE RATING SHALL EQUAL TO OR GREATER THAN THE REQUIREMENTS SOCIETY.
	247)	THE RATING SHALL EQUAL TO OR GREATER THAN THE REQUIREMENTS SPECIFIED ON THE COMPRESSOR MOTOR NAMEPLATE.
3	248)	ALL HITECO DATE AND STREAMS OF
,	249)	ALL WIRES, BUS BARS AND FITTINGS SHALL BE COPPER ONLY, EXCEPT THE INTERNAL WIRE OF THE CONTROL TRANSFORMER WHICH MAY BE ALUMINUM IF
	250)	COPPER TERMINATION IS PROVIDED.
3	251)	DISCONNECTING MEANS IN THE FORM OF A NON-LOAD BREAK, HIGH INTERRUPTING
	252)	CAPACITY (34,000 AMPS RMS SYMMETRICAL), FUSED DISCONNECT SHALL BE
	253)	PROVIDED FOR SHORT CIRCUIT PROTECTION.
3	254)	A 120-VOLT SINGLE-PHASE POWER SUPPLY SHALL BE DEVELOPED WITHIN THE
	255) 256)	THREE-PHASE COMPRESSOR MOTOR STARTER AND SHALL BE IN ACCORDANCE WITH
	256) 257)	THE CHILLER MANUFACTURER'S SPECIFICATIONS. A METALLIC SEPARATOR SHALL BE PROVIDED BETWEEN THE HIGH AND LOW VOLTAGE SYSTEMS SECTIONS.
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Approved For Release 2009/04/02 : CIA-RDP89-00244R000300150001-7 13155 BP-3SC JENIKAL INTELLIGENCE AGENCY **CHILLERS** HEADQUARTERS EXPANSION BID PACKAGE 3SC SUPPLY CONTRACT - CHILLERS 3 THE STARTER SHALL BE EQUIPPED WITH TWO ""PILOT" RELAYS TO INITIATE 258) THE MAIN CENTRIFUGAL STARTER SEQUENCE. THESE RELAYS SHALL BE A SELF-MONITORING SAFETY CIRCUIT WHICH SHALL INDICATE IMPROPER OPERATION 259) 260) 261) (SLOW OPERATION, WELDING OF CONTACTS, ETC.) AND SHALL CAUSE THE UNIT TO BE SHUT DOWN AND A FAULT TRIP INDICATOR TO BE DISPLAYED. THE 262) "STARTER CIRCUIT FAULT" INDICATOR SHALL BE LOCATED IN THE DOOR OF 263) 264) THE ENCLOSURE AND SHALL REQUIRE MANUFAL RESET. A LOCKOUT TRANSITION SAFETY CIRCUIT SHALL BE PROVIDED TO PREVENT DAMAGE FROM PROLONGED ENERGIZATION DUE TO MALFUNCTION OF THE 3 265) 266) 267) TRANSITION CONTACTOR. MALFUNCTION SHALL CAUSE THE MACHINE TO BE SHUT DOWN AND THE ""STARTER CIRCUIT FAULT" INDICATOR TO BE DISPLAYED. 268) 3 269) THE THREE-PHASE OVERLOAD SYSTEM SHALL PROVIDE PROTECTION TO THE 270) COMPRESSOR MOTOR. 3 271) TERMINAL CONNECTION PADS SHALL BE PROVIDED TO WHICH CUSTOMER APPLIED LUGS CAN BE ATTACHED. PROVIDE SUFFICIENT SPACE FOR STRESS CONE 2721 273) TERMINATION. 3 274) PROVIDE THREE (3) AMMETERS CALIBRATED FOR INDICATING INRUSH CURRENT. 3 275) GROUND FAULT RELAY (ANSI NO. 64) SHALL OPEN STARTER CONTACTS WHEN THE DIELECTRIC RESISTANCE IS SIGNIFICANTLY REDUCED IN EITHER THE 276) 2771 STARTER OR COMPRESSOR MOTOR. INDICATION AND RESET SHALL BE LOCATED IN 278) THE STARTER DOOR. 2 279) CAPACITY EACH OF THE FIVE UNITS SHALL HAVE A CAPACITY OF 1600 TONS 3 280) 281) REFRIGERATION, DELIVERING 2400 GPM OF CHILLED WATER COOLED FROM 58 DEG 2821 F. TO 42 DEG F. WHEN SUPPLIED WITH 4800 GPM OF CONDENSER WATER AT 85 283) DEG F. WITH A 10 DEG F. TEMPERATURE RISE. 284) WATER TUBE VELOCITY THRU THE CONDENSER AND THE CHILLER SHALL NOT 285) EXCEED 10 FPS. 3 286) CONDENSER AND CHILLER SIDE FOULING FACTORS SHALL BE .0005. 287) FACTORY TESTS 3 (885 A FACTORY TEST OF EACH MACHINE SHALL INCLUDE THE FOLLOWING: 289) HYDROSTATIC STRENGTH TEST AND REFRIGERANT LEAK TEST OF COMPRESSOR 290) CASING. 291) AIR PRESSURE STRENGTH TEST AND REFRIGERANT LEAK TEST ON BOTH THE 292) SHELL AND TUBE SIDES OF THE CONDENSER, EVAPORATOR, INTER COOLER AND 293) PUMPOUT RECEIVER (WHERE APPLICABLE). 2 294) START-UP SERVICE 3 295) MANUFACTURER SHALL FURNISH A FACTORY-TRAINED SERVICE ENGINEER DURING 296) THE START-UP PERIOD OF EACH MACHINE. THE SERVICE ENGINEER SHALL PERFORM LEAK TESTING, EVACUATION AND DEHYDRATION USING A HIGH VACUUM 297) 298) PUMP FURNISHED BY THE MANUFACTURER, CHARGING THE UNIT, START-UP AND INSTRUCTION OF GOVERNMENT'S PERSONNEL ON OPERATION AND MAINTENANCE. 2991 300) START-UP SHALL BE PERFORMED BY THE MANUFACTURE'S SERVICE ENGINEER; SUPERVISION OF CONTRACTOR PERSONNEL PERFORMING THE START-UP WORK, IS 301) NOT ACCEPTABLE. MANUFACTURER SHALL PROVIDE OPERATING INSTRUCTIONS AND 302) 303) PARTS LIST. REFER TO SPECIAL CONDITIONS. THE COST OF THIS START-UP SERVICE SHALL BE INCLUDED IN THE MANUFACTURER'S BID PRICE. 304) 305) THE MANUFACTURER SHALL PROVIDE THE GOVERNMENT EXTRA REFRIGANT AND GIL

OF A SUFFICIENT QUANTITY TO COMPLETELY RE-CHARGE ONE MACHINE.

MANUFACTURER SHALL PROVIDE THE GOVERNMENT WITH COOLER AND

\*\*\*END OF SECTION

306) 307)

308)

CONDENSER TUBE BRUSHES.